

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. (Previously presented) A method for managing computer system resources, comprising:

C/ generating a first command control vector for a first input message, the first command control vector identifying a method object that contains one or more instructions for processing the first input message, wherein the generating a first command control vector comprises:

identifying the method object in the first command control vector, and identifying, in the first command control vector, a first current instruction of the method object, wherein the first current instruction is used to process the first input message;

generating a second command control vector associated with a second input message, the second command control vector identifying the same method object identified by the first command control vector, the method object containing one or more instructions for processing the second input message, wherein the generating a second command control vector comprises:

identifying the same method object in the second command control vector; and

identifying, in the second command control vector, a second current instruction of the method object, wherein the second current instruction is used to process the second input message;

providing a single copy of the method object for the first and second command control vectors; and

processing the first and second input messages using the single copy of the method object.

C1
2. (Previously presented) The method according to claim 1, wherein the generating a first command control vector further comprises:

identifying, in the first command control vector, a communication link from which the first input message is received; and

identifying, in the first command control vector, a destination device for which the first input message is intended.

3. (Previously presented) The method according to claim 2, wherein the generating a second command control vector further comprises:

identifying, in the second command control vector, a communication link from which the second input message is received; and

identifying, in the second command control vector, a destination device for which the second input message is intended.

4. (Previously presented) The method of claim 3, wherein the first and second current instructions are the same instruction and the same instruction invokes a script, wherein the processing the first and second input messages comprises:

using a single copy of a script to process the first and second input messages.

5. (Previously presented) The method of claim 4, wherein the using a single copy of the script comprises:

C/ identifying current script instructions in the first and second command control vectors for processing the first and second input messages, respectively;

storing, in a first data object, data that is generated during execution of the script for the first command control vector; and

storing, in a second data object, data that is generated during execution of the script for the second command control vector.

6. (Previously presented) The method according to claim 1, wherein the processing the first and second input messages comprises:

processing a number n of logical units of instructions for the first command control vector;

interrupting processing of the first command control vector; and

processing a number m of logical units of instructions for the second command control vector.

7-13 (Canceled)

14. (Previously presented) A computer program product for permitting a computer system to manage computer system resources, said computer program product comprising:

a computer usable medium having computer readable program code means embodied in said medium for causing an application program to execute on the computer system, said computer readable program code means comprising:

a computer readable first program code means for causing the computer system to generate a first command control vector for a first input message, the first command control vector identifying a method object that contains one or more instructions for processing the first input message, the first program code means further causing the computer system to identify a first current instruction of the method object and use the first current instruction to process the first input message;

a computer readable second program code means for causing the computer system to generate a second command control vector associated with a second input message, the second command control vector identifying the same method object identified by the first command control vector, the method object containing one or more instructions for processing the second input message, the second program code means further causing the computer system to identify a second current instruction of the method object and use the second current instruction to process the second input message; and

a computer readable third program code means for causing the computer system to process the first and second input messages using a single copy of the method object.

8/15. (Currently amended) A system for managing computer system resources,
comprising:

means for generating a first command control vector for a first input message, the first command control vector identifying a method object that contains one or more instructions for processing the first input message;

means for generating a second command control vector associated with a second input message, the second command control vector identifying the same method object identified by the first command control vector, the method object containing one or more instructions for processing the second input message;

means for providing a single copy of the method object for the first and second command control vectors; and

means for processing the first and second input messages using the single copy of the method object.

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16. (Currently amended) The system according to claim 15, wherein the means
for generating a first command control vector for a first input message further comprises:

means for identifying, in the first command control vector, a communication link from which the first input message is received;

means for identifying, in the first command control vector, a destination device for which the first input message is intended;

means for identifying the method object in the first command control vector; and

means for identifying, in the first command control vector, a first current instruction of the method object, wherein the first current instruction is used to process the first input message.

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~~17~~. (Currently amended) The system according to claim ~~15~~⁸, wherein the means for generating a second command control vector associated with a second input message further comprises:

means for identifying, in the second command control vector, a communication link from which the second input message is received;

means for identifying, in the second command control vector, a destination device for which the second input message is intended;

means for identifying the same method object in the second command control vector; and

means for identifying, in the second command control vector, a second current instruction of the method object, wherein the second current instruction is used to process the second input message.

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~~18~~. (Previously presented) The system of claim ~~17~~¹⁰, wherein the first and second current instructions are the same instruction and the same instruction invokes a script, wherein the means for processing the first and second input messages using the single copy of the method object further comprises:

means for using a single copy of a script to process the first and second input messages.